



## Material Safety Data Sheet

Dynaflux SDS DF B 4/22/2014

Product: Crack Check DF Developer (Liquid)

**Part 1: Product and Company Identification**

Identification DF B

Trade Name: Crack Check DF Developer

Product Use: Identifies cracks in hard surfaces. Visible dye penetrant method.

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Emergency Telephone Number: For U.S.: 800-255-3924 International: 813-248-0585

**Part 2: Hazardous Ingredients**Signal Word: **DANGER****H225:** Highly flammable liquid

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

Hazardous Ingredients	CAS No.	SARA III List	PEL PPM	TLV PPM	Carcinogen Refer. Source
Ethyl Acetate	141-78-6	Yes	400	400	d
Isopropyl Alcohol	67-630	Yes	500	400	d

**Part 3: Hazard Rating****H.M.I.S.**

Health	1
Flammability	3
Reactivity	0
Special	-

**N.F.P.A.**

Health	1
Flammability	3
Reactivity	0
Personal Protection	b

**Part 4: First Aid Measures**Eye Contact: Flush with water for 15 minutes. Get medical attention. **GHS Subcategory 2B**Skin Contact: Wash with soap and water. **GHS Category 3**

Inhalation: Move to fresh air.

Ingestion: Do not induce vomiting. Give several large glasses of water. Seek medical attention. **GHS Category 2****Part 5: Fire Fighting Measures**

Flashpoint: Flammable-Flame Projection Test

U.E.L.: None Established

L.E.L. : None Established

Auto Ignition Temperature: N.E.

Combustion Products: Carbon dioxide, Carbon monoxide

Extinguishing Media: Foam, CO<sub>2</sub>, Dry chemical

Unusual Fire and Explosion Hazard: use a self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing.

### Part 6: Accidental Release Measures

Small Spill: Soak up with absorbent material, i.e. kitty litter, clay or dirt. Sweep up and place in a labeled closed container.

Large Spill: Keep unauthorized people from the area. Use self-contained breathing apparatus. Dike area and pump contents to a labeled, closed container. Absorb residue and sweep up. Place in a closed, labeled container. Remove all ignition sources.

### Part 7: Handling and Storage

Leave in the shipping containers. Store in a cool dry place. Do not expose aerosols to temperatures above 120° F or the container may rupture.

### Part 8: Exposure Control / Personal Protection

If vapors exceed TLV use an approved respirator. Use mechanical ventilation in confined areas. Wear safety glasses and protective gloves. Remove all ignition sources.

### Part 9: Physical and Chemical Properties

Boiling Point: 171°F

Vapor Density: N.E.

Solubility in Water: Partially Soluble.

Appearance and Odor: White liquid with sweet odor.

Specific Gravity: .85

Evaporation Rate (BuAc=1): 1.3

Water Reactive: No

### Part 10: Stability and Reactivity

Stability- Product is stable

Hazardous Polymerization- will not occur.

Conditions to Avoid- Ignition sources, open flames, strong oxidizers.

Hazardous Decomposition Products-Carbon dioxide, carbon monoxide.

### Part 11: Toxicological Information

TLV: 400 ppm

PEL : 500 ppm

NTP: Not Listed

IARC: Not Listed

Mildly irritating to the skin with prolonged exposure.

### Part 12: Ecological Information

Biodegradability – Biodegradable

Keep out of sewers and water ways.

Not expected to be harmful to aquatic organism.

### Part 13: Disposal Consideration

Do not dump into any sewers, on the ground or into any body of water. Send to a permitted recycler.

Empty aerosol cans are not considered hazardous and can be disposed in domestic trash.

**Part 14: Transportation Information**

**DOT Classification:** CLASS 3: Flammable liquid, N.O.S. (Ethyl acetate)

**UN No. :** 1173

**Packing Group:** II

**Marine Pollutant:** No

**Part 15: Regulatory Information**

Section 311 and 312

Immediate health Hazard – Yes

Fire Hazard – Yes

Reactive Hazard – No

TSCA – Listed

CEPA-(DSL) Listed

**Part 16: Other Information**

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Completed by: Eugene Schaffstall

**Disclaimer of Expressed and implied Warranties:**

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the I Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.